

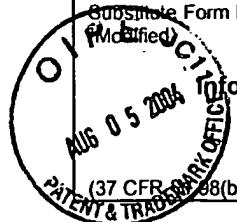
Substitute Form PTO-1449

(Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
04838-064001Application No.
09/632,597

**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant
Lawrence W. Yonge III et al.Filing Date
August 4, 2000 Group Art Unit
2663**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Y	AA	5,081,678	01/14/92	Kaufman et al.			
	AB	5,706,348	01/06/98	Gray et al.			
	AC	5,841,873	11/24/98	Lockhart et al.			
	AD	6,044,154	03/28/00	Kelly			
	AE	6,334,185	12/25/01	Hansson et al.			
Y	AF	6,567,914	05/20/03	Just et al.			
	AG						AUG 10 2004
	AH						Technology Center 2600
	AI						
	AJ						
	AK						

RECEIVED

AUG 10 2004

Technology Center 2600

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AL						
	AM						
	AN						
	AO						
	AP						

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
Y	AQ	Sun et al., "Public-key ID-based Cryptosystem," 1991, IEEE, pages 142-144
Y	AR	Bruschi, Danilo, Secure Multicast in Wireless Networks of Mobile Hosts: Protocols and Issues, 2002, Mobile Networks and Applications, pages 503-511
	AS	
	AT	

Examiner Signature

Soon-Dong Hyun

Date Considered

12-1-04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

Best Available Copy

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
04838-064001Application No.
09/632,597
**Information Disclosure Statement
by Applicant**
 (Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Lawrence W. Yonge III et al.Filing Date
August 4, 2000Group Art Unit
2663**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Y	AA	6778507	08/17/04	Jalali			
	AB	6747976	06/08/04	Bensaou et al.			
	AC	6671284	12/30/03	Yonge III et al.			
	AD	6667991	12/23/03	Tzannes			
	AE	6654410	11/25/03	Tzannes			
	AF	6553534	04/22/03	Yonge III et al.			
	AG	6538985	03/25/03	Petry et al.			
	AH	6526451	02/25/03	Kasper			
	AI	6519263	02/11/03	Huth			
	AJ	6501760	12/31/02	Ohba et al.			
	AK	6487212	11/26/02	Erimli et al.			
	AL	6480489	11/12/02	Muller et al.			
	AM	6473435	10/29/02	Zhou et al.			
	AN	6466580	10/15/02	Leung			
	AO	6456649	09/24/02	Isaksson et al.			
	AP	6434153	08/13/02	Yazaki et al.			
	AQ	6430661	08/06/02	Larson et al.			
	AR	6385672	05/07/02	Wang et al.			
	AS	6370156	04/09/02	Spruyt et al.			
	AT	6363052	03/26/02	Hosein			
	AU	6343083	01/29/02	Mendelson et al.			
	AV	6295296	09/25/01	Tappan			
	AW	6289000	09/11/01	Yonge, III			
	AX	6278716	08/21/01	Rubenstein et al.			
	AY	6259696	07/10/01	Yazaki et al.			
Y	AZ	6252849	06/26/01	Rom et al.			
Y	AAA	6243449	06/05/01	Margulis et al.			

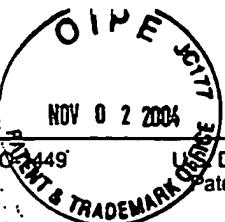
Examiner Signature

SonJung Hyun

Date Considered

12-1-04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 7

Substitute Form PTO-1449 (Modified)		Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-064001	Application No. 09/632,597
Information Disclosure Statement by Applicant <small>(Use several sheets if necessary)</small> <small>(37 CFR §1.98(b))</small>		Applicant Lawrence W. Yonge III et al.		
		Filing Date August 4, 2000	Group Art Unit 2663	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Y	ABB	6243386	06/05/01	Chan et al.			
	ACC	6222851	04/24/01	Petry			
	ADD	6216244	04/10/01	Myers et al.			
	AEE	6215792	04/10/01	Abi-Nassif			
	AFF	6202082	03/13/01	Tomizawa et al.			
	AGG	6192397	02/20/01	Thompson			
	AHH	6188717	02/13/01	Kaiser et al.			
	AII	6182147	01/30/01	Farinacci			
	AJJ	6169744	01/02/01	Grabelsky et al.			
	AKK	6151296	11/21/00	Vijayan et al.			
	ALL	6130894	10/10/00	Ojard et al.			
	AMM	6130887	10/10/00	Dutta			
	ANN	6108713	08/22/00	Sambamurthy et al.			
	AOO	6092214	07/18/00	Quoc et al.			
	APP	6076115	06/13/00	Sambamurthy et al.			
	AQQ	6052377	04/18/00	Ohmi et al.			
	ARR	6044482	03/28/00	Wong			
	ASS	6041358	03/21/00	Huang et al.			
	ATT	6041063	03/21/00	Povlsen et al.			
	AUU	6006017	12/21/99	Joshi et al.			
	AVV	6005894	12/21/99	Kumar			
	AWW	5966412	10/12/99	Ramaswamy			
	AXX	5956338	09/21/99	Ghaibeh			
	AYY	5948060	09/07/99	Gregg et al.			
	AZZ	5940438	08/17/99	Poon et al.			
	AAAA	5914959	06/22/99	Marchetto et al.			
Y	ABBB	5914932	06/22/99	Suzuki et al.			

Examiner Signature	Date Considered
<i>Sohn Dong Hyun</i>	<i>12-1-04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Sheet 3 of 7

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-064001	Application No. 09/632,597
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III et al.	
		Filing Date August 4, 2000	Group Art Unit 2663

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
S	ACCC	5903614	05/11/99	Suzuki et al.			
	ADDD	5892769	04/06/99	Lee			
	AEEE	5886993	03/23/99	Ruszczak et al.			
	AFFF	5884040	03/16/99	Chung			
	AGGG	5828677	10/27/98	Sayeed et al.			
	AHHH	5825807	10/20/98	Kumar			
	AIII	5818826	10/06/98	Gfeller et al.			
	AJJJ	5818821	10/06/98	Schurig			
	AKKK	5812599	09/22/98	Van Kerckhove			
	ALLL	5799033	08/25/98	Baggen			
	AMMM	5793307	08/11/98	Perrault et al.			
	ANNN	5787071	07/28/98	Basso et al.			
	AOOO	5771235	06/23/98	Tang et al.			
	APPP	5764931	06/09/98	Schmahl et al.			
	AQQQ	5757770	05/26/98	Lagoutte et al.			
	ARRR	5757766	05/26/98	Sugita			
	ASSS	5745769	04/28/98	Choi			
	ATTT	5737330	04/07/98	Fulthorpe et al.			
	AUUU	5732113	03/24/98	Schmidl et al.			
	AVVV	5717689	02/10/98	Ayanoglu			
	AWWW	5694389	12/02/97	Seki et al.			
	AXXX	5651009	07/22/97	Perreault et al.			
	YYYY	5636230	06/03/97	Marturano et al.			
	AZZZ	5629948	05/13/97	Hagiwara et al.			
	AAAAA	5623512	04/22/97	Sasaki			
	BBBBB	5619651	04/08/97	Young			
S	ACCCC	5612975	03/18/97	Becker et al.			

Examiner Signature	Date Considered
Soon Dong Hyun	12-1-04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-064001	Application No. 09/632,597
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III et al.		
		Filing Date August 4, 2000	Group Art Unit 2663	

U.S. Patent Documents

Examiner Initials	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
NOV 3 2004	ADDDD	5610908	03/11/97	Shelswell et al.			
	AEEEE	5568476	10/22/96	Sherer et al.			
	AFFFF	5563897	10/08/96	Pyndiah et al.			
	AGGGG	5563883	10/08/96	Cheng			
	AHHHH	5555268	09/10/96	Fattouche et al.			
	AIIII	5548649	08/20/96	Jacobson			
	AJJJJ	5537414	07/16/96	Takiyasu et al.			
	AKKKK	5524027	06/04/96	Huisken			
	ALLLL	5504747	04/02/96	Sweazey			
	AMMMM	5488632	01/30/96	Mason et al.			
	ANNNN	5483529	01/09/96	Baggen et al.			
	AOOOO	5452322	09/19/95	Lauer			
	APPPP	5452288	09/19/95	Rahuel et al.			
	AQQQQ	5448565	09/05/95	Chang et al.			
	ARRRR	5436905	07/25/95	Li et al.			
	ASSSS	5426646	06/20/95	Slack			
	ATTTT	5416801	05/16/95	Chouly et al.			
	AUUUU	5384777	01/24/95	Ahmadi et al.			
	AVVVV	5343473	08/30/94	Cidon et al.			
	AWWWW	5339313	08/16/94	Ben-Michael et al.			
	AXXXX	5307376	04/26/94	Castelain et al.			
	AYYYY	5280480	01/18/94	Pitt et al.			
	AZZZZ	5274629	12/28/93	Helard et al.			
	AAAAAA	5231634	07/27/93	Giles et al.			
	BBBBBB	5228025	07/13/93	Le Floch et al.			
	ACCCCC	5214646	05/25/93	Yacoby			
Y	ADDDDD	5197061	03/23/93	Halbert-Lassalle et al.			

Examiner Signature <i>Soon Dong Hyun</i>	Date Considered <i>12-1-04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-064001	Application No. 09/632,597
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III et al.	
		Filing Date August 4, 2000	Group Art Unit 2663

U.S. Patent Documents

Examiner Initials	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
OIP	AEEEEEE	5140584	08/18/92	Suzuki			
NOV 02 2004	AFFFFFF	5121396	06/09/92	Irvin et al.			
	AGGGGGC	5105423	04/14/92	Tanaka et al.			
	AHHHHHI	5046069	09/03/91	Calvignac et al.			
	AIIIIII	5003539	03/26/91	Takemoto et al.			
	AJJJJJJ	5001472	03/19/91	Fischer et al.			
	AKKKKK	4943959	07/24/90	Arnold			
	ALLLLL	4881241	11/14/89	Pommier et al.			
	AMMMMMI	4819229	04/04/89	Pritty et al.			
	ANNNNN	4792947	12/20/88	Takiyasu et al.			
	AOOOOC	4726018	02/16/88	Bux et al.			
	APPPPPP	4720850	01/19/88	Oberlander et al.			
	AQQQQQC	4677612	06/30/87	Olson et al.			
	ARRRRR	4630261	12/16/86	Irvin			
	ASSSSSS	4581734	04/08/86	Olson et al.			
	ATTTTT	3806885	04/23/74	Moore			
	AUUUUUL	2004/0001499	01/01/04	Patella et al.			
	AVVVVV	2003/0006883	01/09/03	Kim et al.			
	AWWWWW	2003/0174664	09/18/03	Benveniste			
	AXXXXXX	2003/0079169	04/24/03	Ho et al.			
	AYYYYYY	2002/0191533	12/19/02	Chini et al.			
	AZZZZZZ	2002/0065047	05/30/02	Moose			
	AAAAAAA	2002/0048368	04/25/02	Gardner			
	ABBBBBB	2002/0042836	04/11/02	Mallory			
	ACCCCCC	2001/0048692	12/06/01	Karner			
	ADDDDDD	2001/0043576	11/22/01	Terry			
Y	AEEEEEE	Re. 35,001	07/25/95	Grow			

Examiner Signature <i>Soon Dong Hyun</i>	Date Considered <i>10-1-04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-064001	Application No. 09/632,597
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III et al.		
		Filing Date August 4, 2000	Group Art Unit 2663	

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IP Initial	AFFFFFR	02/41598	05/23/02	PCT			
NOV 04 2004 SEARCH & TRADEMARKS OFFICE	AGGGGG	98/57440	12/17/98	PCT			
Y	AHHHHH	3413144	10/17/85	Germany			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
Y	AIIIIII	USSN 09/632,303
	AJJJJJJ	IBM, Combined use of collision resolution and collision avoidance MAC protocols, 10/1/1994, IBM Technical Disclosure Bulletin, Vol. 37, Pages 299-302 (NN9410299)
	AKKKKK	ISO/IEC 8802-3: 2002 International Standard (ANSI/IEEE Std 802.3) Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications
	ALLLLL	Bux, "Token-Ring Local-Area Networks and Their Performance," Procs. Of the IEEE, Vol. 77, No. 2, February 1989
	MMMMMM	Applied Cryptography, Second Edition: protocols, algorithms, and source code in C, Bruce Schneier, 1996
	ANNNNN	PKCS #5 v. 20: Password-Based Cryptography Standard, RSA Laboratories, March 25, 1999
	AOOOOO	HomePlug Powerline Alliance, HomePlug 1.0.1 Specification, December 1, 2001
	APPPPPP	Lee et al., "HomePlug 1.0 powerline communication LANs – protocol description and performance results", Int. J. Commun. Syst., Vol. 16 (2003)
	AQQQQQ	Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications, ISO/IEC 8802-3: 1996 International Standard (ANSI/IEEE Std 802.3)
	ARRRRR	Bertsekas et al., Data Networks, Prentice Hall, Englewood Cliffs, NJ, Section 2.4.3 Selective Repeat ARQ (1992)
	ASSSSSS	HiPerformance Radio Local Area Network (HiperLAN) Type I: Functional Specification, European Standard (Telecommunication Series) No. 300652 V. 1.2.1 1998-07
	ATTTTT	An Architecture for Differentiated Services, IETF RFC 2475, December 1998
	AUUUUU	Goalic et al., "Real-Time Turbo-Decoding of Product Codes on a Digital Signal Processor," IEEE, pp. 624-628 (1997)
	AVVVVV	Benedetto et al., "A Soft-Input Soft-Output Maximum A Posteriori (MAP) Module to Decode Parallel and Serial Concatenated Codes," TDA Progress Report 42-127, pp. 1-20 (11/96)
	WWWWWW	Peterson et al., "Error-Correcting Codes," The MIT Press (1972)
	AXXXXXX	Pyndiah, "Near-Optimum Decoding of Product Codes: Block Turbo Codes," IEEE Transactions on Communications, Vol. 46, No. 8, pp. 1003-1010 (08/98)
	AYYYYYY	Pyndiah, "Near Optimum Decoding of Product Codes," IEEE, pp. 339-343 (1994)
Y	AZZZZZZ	Pyndiah, "Performance of Block Turbo Coded 16-QAM and 64-QAM Modulations," IEEE, pp. 1039-1043 (1995)

Examiner Signature Soon Dons Hyun	Date Considered 12-1-04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 7 of 7

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-064001	Application No. 09/632,597
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III et al.	
		Filing Date August 4, 2000	Group Art Unit 2663

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>b</i>	AAAAAA	Ehrsam et al., "A cryptographic key management scheme for implementing the Data Encryption Standard," IBM Syst J, Vol. 17, No. 2 (1978)

Examiner Signature <i>Soon Dong Hyun</i>	Date Considered <i>12-1-04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	